



MECHANICAL SPECIALTIES, LLC
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Mechanical Specialties Secures FAA STC for Revolutionary ADEC™ Dual Cargo Hook on Bell 206L Long Rangers

Olympia, WA – Mechanical Specialties, LLC, a global leader in helicopter cargo hook systems, proudly announces it has received its **FAA Supplemental Type Certificate (STC)** for the **ADEC™ (Advanced Dual External Cargo) Hook Model 350** for Bell 206L.

This latest certification expands ADEC™ capability to **Bell 206L Long Rangers (206L, 206L-1, 206L-3, 206L-4)** marking a major milestone in next-generation external load technology.



A Breakthrough in External Load Safety and Capability

Developed over more than three years of rigorous engineering and certification, the **patent-pending ADEC™ system** represents a fundamental advancement in cargo hook design.

At its core, the ADEC™ Hook integrates:

- **Two fully independent load systems** within a single unit
- **Dual actuation capability for redundancy and control**
- **Seamless operation between HEC (Human External Cargo) and NHEC missions**

Unlike conventional systems, **no components are removed or reconfigured** when transitioning between mission profiles. Both HEC and non-HEC loads are continuously supported by the system's **dual load beams**, significantly reducing operational complexity and risk.



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Designed for Mission-Critical Operations

The ADEC™ Hook is specifically engineered and approved for:

- **Human External Cargo (HEC)**
- **High-value and precision lifting operations**

This dual-redundant architecture enhances safety, flexibility, and mission readiness—delivering a capability previously unavailable in a single cargo hook solution.

Expanding Certification Across the Fleet

With this STC approval, Mechanical Specialties is actively progressing additional certifications to extend ADEC™ technology across **all major helicopter platforms worldwide**, reinforcing its commitment to innovation and operator safety.

About Mechanical Specialties, LLC


Based in Olympia, Washington, **Mechanical Specialties, LLC** is a worldwide leader in helicopter cargo hook systems, with **thousands of units in service** and over **40 years of proven industry experience**.

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